

ANUPAMA S.Q. KATHIRESAN, M.D., F.A.C.O.G.

Curriculum Vitae

SPECIALTY: Reproductive Endocrinology and Infertility

Center of Reproductive Medicine | www.infertilitytexas.com

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7400 Fannin Street, Suite 1180, Houston, TX 77054 | P: 713.790.9900 | F: 713.790.9901

10907 Memorial Hermann Drive, Suite 340, Pearland, TX 77584 | P: 281.332.0073 | F: 281.557.5837

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2344 Dowlen Road, Beaumont, TX 77706 | P: 409.898.1603 | F: 409.898.1604

PROFESSIONAL EXPERIENCE

- | | |
|--------------|---|
| 2017-present | Reproductive Endocrinology and Infertility Physician
Center of Reproductive Medicine
Houston, TX |
| 2015-2016 | Reproductive Endocrinology and Infertility Physician
Fertility Institute of Texas
New Braunfels, TX |

EDUCATION AND TRAINING

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|------|------------|--|---|
| 2015 | Fellowship | Reproductive Endocrinology and Infertility | UCLA
Los Angeles, CA |
| 2010 | Residency | Obstetrics and Gynecology | University of Miami
Miami, FL |
| 2006 | M.D. | Doctor of Medicine | Medical College of Georgia
Augusta, GA |
| 2001 | B.A. | Biological Sciences
Neurobiology and Behavior | Cornell University
Ithaca, NY |

BOARD CERTIFICATION

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|------|--|
| 2017 | Board Certified in Reproductive Endocrinology and Infertility
American Board of Obstetrics and Gynecology |
| 2013 | Board Certified in Obstetrics and Gynecology
American Board of Obstetrics and Gynecology |

MEDICAL LICENSE

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|--------------|--------------------------------|
| 2015-present | Texas State Medical Board |
| 2012-2015 | California State Medical Board |

HONORS AND AWARDS

2015	3 rd Place Award for Poster Presentation at the 70 th Annual Obstetrical and Gynecological Assembly of Southern California
2014	Vivere Health ASRM Travel Grant Recipient
2011	ASRM/ SMRU Traveling Scholars Program Recipient
2010	11 th Annual William A. Little Scholastic Achievement Award for Highest CREOG score
2009	John M. Thorp, Jr., M.D. Research Award Honorable Mention
2005	American Medical Association Foundation Leadership Award
2004	Pfizer Visiting Lectureship in Clear Health Communication Award
2003	American Medical Association Scholarship
2000	National Society of Collegiate Scholars
1998-1999	Dean's List, Cornell University
1997	Lucent Technologies Merit Scholarship
1997	Salutatorian, Sprayberry High School
1997	Georgia Scholar

PROFESSIONAL MEMBERSHIPS

2017-Present	Harris County Medical Society
2015-Present	Texas Medical Association
2012-Present	Pacific Coast Reproductive Society
2009-Present	American Society of Reproductive Medicine
2006-Present	American Congress of Obstetrics and Gynecology
2002-Present	American Medical Association

PUBLICATIONS

1. Wang ET, **Kathiresan ASQ**, Bresee C, Greene N, Alexander C, Pisarska MD. Abnormal implantation after fresh and frozen in vitro fertilization cycles. *Fertil Steril*. 2017 May; 107(5):1153-1158.
2. Sundheimer LW, **Kathiresan A**, Dumesic D, Parvataneni R, Shamonki M. A cost-benefit analysis of hysteroscopic polypectomy before controlled ovarian hyperstimulation and intrauterine insemination in infertile women. *J reprod Med*. 2017 April. Accepted for publication.
3. Mittelman-Smith MA, Wong AM, **Kathiresan AS**, Micevych PE. Classical and membrane-initiated estrogen signaling in an in vitro model of anterior hypothalamic kisspeptin neurons. *Endocrinology*. 2015 Jun; 156(6): 2162-73.
4. Kaing A, **Kathiresan ASQ**, Dumesic D, Shamonki M. Attributes that fellowship directors value in selection of reproductive endocrinology and infertility fellows. *J Reprod Med*. 2017 Feb. Accepted for publication.
5. **Kathiresan A**, Shamonki M, Kaing A, Cruz-Almeida Y, Barrionuevo MJ, Hoffman DI, Maxson WS, Ory SJ. Reproductive Endocrinology and Infertility Match: A Survey of the 2011-2013 Applicant Pool. *Cureus* 6(11) e229. Doi:10.7759/cureus.229.
6. **Kathiresan AS**, Ibrahim E, Modh R, Aballa TC, Lynne CM, Brackett NL. Semen quality in ejaculates produced by masturbation in men with spinal cord injury. *Spinal Cord*. 2012 Dec; 50(12): 891-4.

7. Gonzalez Quintero VH, **Kathiresan AS**, Tudela FJ, Rhea D, Desch C, Istwan N. The association of gestational weight gain per institute of medicine guidelines and pre-pregnancy body mass index on outcomes of twin pregnancies. *Am J Perinatol*. 2012 Jun; 29(6): 435-40.
8. **Kathiresan AS**, Cruz-Almeida Y, Barrionuevo MJ, Maxson WS, Hoffman DI, Weitzman VN, Christie DR, Manko GF, Ory SJ. Prognostic value of β -human chorionic gonadotropin is dependent on day of embryo transfer during in vitro fertilization. *Fertil Steril*. 2011 Dec; 96(6): 1362-6.
9. **Kathiresan AS**, Ibrahim E, Aballa TC, Attia GR, Ory SJ, Hoffman DI, Maxson WS, Barrionuevo MJ, Lynne CM, Brackett NL. Comparison of IVF/ICSI outcomes in male factor infertility patients with and without spinal cord injuries. *Fertil Steril*. 2011 Sept; 96(3): 562-6.
10. **Kathiresan AS**, Ibrahim E, Aballa TC, Attia GR, Lynne CM, Brackett NL. Pregnancy outcomes and longitudinal analysis of semen quality in a case of anejaculatory infertility due to multiple sclerosis. *Andrologia*. 2012 May; 44 Suppl 1: 833-5.
11. **Kathiresan AS**, Johnson JN, Montoya SP, Hood B, Vanni S, Gonzalez-Quintero VH. Giant cell bone tumor of the thoracic spine presenting in late pregnancy. *Obstet Gynecol*. 2011 Aug; 118 (2 Pt 2): 428-31.
12. **Kathiresan AS**, Ibrahim E, Aballa TC, Attia GR, Lynne CM, Brackett NL. Pregnancy outcomes by intravaginal and intrauterine insemination in 82 couples with male factor infertility due to spinal cord injuries. *Fertil Steril*. 2011 Aug; 96(2): 328-31.
13. **Kathiresan AS**, Attia GR, Carr BR. Virilization from partner's use of topical androgen in a reproductive aged woman. *Am J Obstet Gynecol*. 2011 Sep; 205(3): e3-4.
14. **Kathiresan AS**, Brookfield KF, Gonzalez-Quintero VH, Verma U. Vasopressin and tourniquets: a comparison of blood loss in patients undergoing abdominal myomectomies. *Aust N Z J Obstet Gynaecol*. 2011 Feb; 51(1): 79-83.
15. **Kathiresan AS**, Roca LE II, Istwan N, Desch C, Cordova YC, Tudela FJ, Gonzalez-Quintero VH. The influence of maternal age on pregnancy outcome in nulliparous women with twin gestation. *Am J Perinatol*. 2011 May; 28(5): 355-360.
16. **Kathiresan AS**, Brookfield KF, Schuman SI, Lucci JA III. Malnutrition as a predictor of poor postoperative outcomes in gynecologic cancer patients. *Arch Gynecol Obstet*. 2010 Aug; 284(2): 445-51.

ORAL PRESENTATIONS

1. **Kathiresan ASQ**, Wang ET, Greene N, Alexander C, Pisarska MD. Abnormal implantation in day 3 versus day 5 embryo transfers in fresh IVF cycles: an analysis from the society for assisted reproduction technology database. Presented at the ASRM 71th Annual Meeting; Baltimore, MD; October 2015.
2. Sundheimer L, **Kathiresan A**, Dumesic D, Parvataneni R, Shamonki M. A cost benefit analysis of hysteroscopic polypectomy in infertile women planning gonadotropin stimulation and intrauterine insemination. Presented at the ASRM 69th Annual Meeting; Boston, MA; October 2013.
3. **Kathiresan ASQ**, Ibrahim E, Aballa TC, Attia GR, Lynne CM, Brackett NL. The number of total motile sperm inseminated is predictive of pregnancy by intrauterine insemination (IUI) using sperm from men with spinal cord injury (SCI). Presented at the ASRM 68th Annual Meeting; San Diego, CA; October 2012.

4. Johnson JN, Elharmady M, Ashour R, **Kathiresan A**, Yavagal D, Aziz-Sultan M. Endovascular therapy for acute stroke in the elderly: a comparison of outcomes in patients above and below 80 years. Presented at the AANS Annual Meeting; Miami Beach, FL; April 2012.
5. **Kathiresan ASQ**, Attia GR, Ory SJ, Barrionuevo MJ, Lynne CM, Brackett NL. Comparison of IVF/ICSI outcomes in male factor infertility patients with and without spinal cord injuries. Presented at the ASRM Annual Meeting; Orlando, FL; October 2011.
6. **Kathiresan ASQ**, Ibrahim E, Aballa TC, Attia GR, Lynne CM, Brackett NL: Pregnancy outcomes by intravaginal insemination (IVI) and intrauterine insemination (IUI) in 79 couples with male factor infertility secondary to spinal cord injury (SCI). Presented at the AUA Meeting, May 14-19, 2011, Washington, DC. J Urol 2011; 185: (4S) e911.

ABSTRACT PRESENTATIONS

1. **Kathiresan ASQ**, Mittelman-Smith M, Wong AM, Chaban AV, Rudolph L, Micevych PE. The contribution of classic membrane progesterone receptor involved in rapid cell signaling after progesterone stimulation in the kisspeptin neuron. Presented at the 62nd SRI Annual Scientific Meeting; San Francisco, CA; March 2015 (Poster).
2. **Kathiresan ASQ**, Hill DL, Surrey M, Danzer H, Munne S, Ghadir S, Barritt J. Frozen embryo transfer outcomes following preimplantation genetic screening: is it better to biopsy pre-vitrification or can we biopsy post-warming? Presented at the 63rd Annual Meeting; Rancho Mirage, CA; March 2015 (Poster).
3. Hadnott TN, **Kathiresan ASQ**, Hill D, Surrey MW, Danzer H, Barritt J. Characteristics of donor oocyte IVF cycles resulting in Pregnancy: optimum number of oocytes and embryos. Presented at the 2015 ACOG Annual Clinical and Scientific Meeting; San Francisco, CA; May 2015 (Poster).
4. Hadnott TN, **Kathiresan ASQ**, Hill D, Welch C, Munne S, Barritt J. ICSI vs insemination in trophoctoderm biopsy PGS cycles: an effect on aneuploidy or pregnancy rates? Presented at the 2015 ACOG Annual Clinical and Scientific Meeting; San Francisco, CA; May 2015 (Poster).
5. Kaing A, **Kathiresan ASQ**, Dumesic D, Shamonki M. Attributes that fellowship directors value in selection of reproductive endocrinology and infertility fellows. Presented at the ASRM 70th Annual Meeting; Honolulu, Hawaii; October 2014 (Poster).
6. Sundheimer L, **Kathiresan A**, Dumesic D, Parvataneni R, Shamonki M. A cost benefit analysis of hysteroscopic polypectomy before natural cycle or clomiphene stimulated intrauterine insemination in infertile women. Presented at the ASRM 70th Annual Meeting; Honolulu, Hawaii; October 2014 (Poster).
7. Barritt J, **Kathiresan ASQ**, Shamonki M, Danzer H, Surrey M, Hill D. Donor oocyte preimplantation genetic screening for sex selection: fewer embryos transferred without decreasing pregnancy rates. Presented at the ASRM 70th Annual Meeting; Honolulu, Hawaii; October 2014 (Poster).
8. **Kathiresan ASQ**, Rodriguez M, Wang E, Pisarska MD, Hill D, Alexander C. Ectopic pregnancy rates in Day 3 versus Day 5 embryo transfers in fresh IVF cycles. Presented at the ASRM 69th Annual Meeting; Boston, MA; October 2013 (Poster).
9. **Kathiresan ASQ**, Shamonki M, Cruz-Almeida Y, Barrionuevo M, Hoffman DI, Maxson WS, Ory SJ. Reproductive endocrinology and infertility match: a survey of the 2011-2012 applicant pool. Presented at the 61st PCRS Annual Meeting; Indian Wells, CA; April 2013 (Poster).

10. **Kathiresan ASQ**, Mouhayar Y, Henriquez S, Schuman S, Attia GR. A comprehensive evaluation and surgical approach to patients with complete androgen insensitivity syndrome. Presented at the ASRM 68th Annual Meeting; San Diego, CA; October 2012 (Video).
11. **Kathiresan ASQ**, Cruz-Almeida Y, Valthaty R, Hoffman DI, Maxson WS, Ory SJ. Reproductive endocrinology and infertility match: a survey of the 2011 applicant pool. Presented at the ASRM 68th Annual Meeting; San Diego, CA; October 2012 (Poster).
12. **Kathiresan ASQ**, Cruz-Almeida Y, Valthaty R, Hoffman DI, Maxson WS, Barrionuevo MJ, Weitzman VN, Christie DR, Manko GF, Ory SJ. The optimum number of oocytes needed to predict a live birth outcome depends on maternal age, FSH level, and BMI. Presented at the SGI 59th Annual Scientific Meeting; San Diego, CA; March 2012 (Poster).
13. Gonzalez-Quintero VH, **Kathiresan A**, Tudela FJ, Rhea D, Istwan N. The association of gestational weight gain and pre-pregnancy body mass index on outcomes of twin pregnancies. SGI 58th Annual Scientific Meeting; Miami Beach, FL; March 2011 (Poster).
14. **Kathiresan A**, English D, Cordova Y, Brookfield KF, Bordoni P, Duthely L, Gonzalez-Quintero VH. The effect of in vitro fertilization in twin gestations on pregnancy outcomes. SGI 57th Annual Scientific Meeting; Orlando, FL; March 2010 (Poster).
15. **Kathiresan A**, Brookfield KF, Schuman SI, Lucci JA III. Malnutrition as a predictor of poor postoperative outcomes in gynecologic cancer patients. ACOG 57th Annual Clinical Meeting; Chicago, IL; May 2009 (Poster).
16. **Kathiresan A**, Brookfield KF, Gonzalez-Quintero VH, Verma U. A comparison of blood loss with vasopressin versus a combination of vasopressin and tourniquets in abdominal myomectomies. SGI 56th Annual Scientific Meeting; Glasgow, UK; March 2009 (Poster).
17. Gonzalez E, Guell G, **Kathiresan A**, Cruz-Pachano F, Duthely L, Gonzalez-Quintero VH. Chorioamnionitis and intrapartum invasive monitoring. SMFM 29th Annual Scientific Meeting; San Diego, CA; Jan 2009 (Poster).
18. **Kathiresan A**, Rodriguez L, Mejia A, Duthely L, Cotter A. Permanent sterilization at time of cesarean deliveries. ACOG 56th Annual Clinical Meeting; New Orleans, LA; May 2008 (Poster).
19. Rodriguez L, **Kathiresan A**, Mejia A, Gonzalez-Quintero VH. Intraoperative and postoperative complications in cesarean deliveries among obese women. ACOG 56th Annual Clinical Meeting; New Orleans, LA; May 2008 (Poster).
20. Hernandez A, Cruz-Pachano F, Flick AA, **Kathiresan A**, Duthely L, Cotter A, Gonzalez-Quintero VH. Excessive weight gain among obese women and pregnancy outcomes. SMFM 28th Annual Scientific Meeting; Dallas, TX; Feb 2008 (Poster).

COMMUNITY SERVICE GRANTS

- | | |
|------|--|
| 2004 | Kathiresan A , Johnson J, Newton D
AAMC Caring for Community Grant
Association of American Medical Colleges & Pfizer Medical Humanities Initiative
Awarded: \$30,000 |
| 2004 | Kathiresan A , Johnson J, Newton D
Health Literacy Visiting Lecturer Grant
Pfizer: Clear Health Communication Initiative |

Awarded: \$4,500

2003 **Kathiresan A**, Johnson J, Newton D
AMA Foundation Health Literacy Grant
Awarded: \$500

2003 **Kathiresan A**, Johnson J, Newton D, Wagner P
Dean's Summer Research Fellowship Grant
Medical College of Georgia
Awarded: \$7,000

INVITED SPEAKER

2004 The issue of health literacy
AMA Medical Student Section Interim Meeting
Atlanta, GA

2004 How to create and obtain funding for a community service project as a medical student
AMA Medical Student Section Interim Meeting
Atlanta, GA

2004 Health literacy: focus on minority health and health disparities issues
National Mini-Med School Conference
Boston, MA

2004 Health literacy and Project MCG H.O.S.P.I.T.A.L.
MCG Professionalism Forum
Medical College of Georgia
Augusta, GA

2004 Health Literacy
Essentials of Clinical Medicine Course
Medical College of Georgia
School of Medicine
Augusta, GA